

REMARKS

At the time of the Examiner's Action, claims 1-9 were pending in the application, claims 10-18 being previously cancelled on July 11, 2003 in a response to a restriction requirement. As a result of this Amendment, claims 1 and 7 have been amended in order to put them in better condition for allowance. Amended claims 1 and 7 along with original claims 2-6 and 8-9 remain.

The Examiner rejected Claims 1-3 and 6-9 under 35 U.S.C. §102(b) as being anticipated by Hartmann (US Patent No. 6,096,091, hereinafter "Hartmann").

Hartman discloses a network of reconfigurable logic networks 110, which are reconfigured by an embedded processor 150 (col. 3 line 64 to col. 4 line 2 and Fig. 2). There may also be a logic configuration library 160 which stores one or more configurations for the reconfigurable logic networks 110 and these configurations can be manipulated by the embedded processor (col. 4, lines 57-64). Thus Hartman describes a centralized system where reconfiguration data is held or manipulated by a processor or centralized library.

The Applicant respectfully disagrees with the Examiner that col. 5, lines 28-43, col. 4, lines 23-28, 34-40, col. 5 lines 28-51, Fig.2 elements 110 and 120 show that the system components 110 of Fig. 2 propagate configurations to the next element 110. Col. 4, lines 34-40 describes the normal data flow between system components 110, not the flow of the configuration information to reconfigure the system components 110 of Fig. 2. There is a separate network 130 in Fig. 2 from the embedded processor 150 to the system components 110, which once a desired configuration has been determined, the embedded processor 150 reconfigures one or more of the reconfigurable logic networks 110 [col. 5, lines 41-43]. Hence a first system component 110A does not send configuration information to a second system component 110B.

Claims 1 and 7 have been amended to recite that the selected system component sends the parameters used to configure the selected system component to peer system components. The amendments were made to further clarify the non-centralized distribution of parameters between peer components, as opposed to the centralized distribution of configuration information by Hartman. This clarification should put claims 1 and 7 in condition for allowance.

Claims 2-6 and 8-9 being ultimately dependent upon claims 1 and 7, respectively, should be allowable for at least the reasons claims 1 and 7 are allowable.

CONCLUSION

All claims should now be in condition for allowance and a Notice of Allowance is respectfully requested.

If there are any questions, the applicants' attorney can be reached at Tel: 408-879-6149 (Pacific Standard Time).

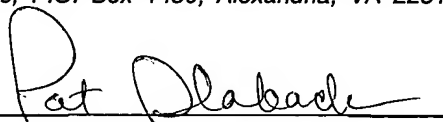
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*I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 4, 2004.*

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